



TROPICAL STORM ELSA BRIEFING

6:00 PM ET

Wednesday, July 7, 2021

Prepared by: WFO Philadelphia/Mount Holly

What has changed: No Changes

Next Briefing: By Thursday, July 7, at 9 am EDT

Disclaimer: The information contained within is time-sensitive. Do not use after 9:00 am EDT Thursday



Situation Overview

Tropical Storm Elsa



Philadelphia/Mount Holly

WEATHER FORECAST OFFICE




- Tropical Storm Watch remains in effect for portions of the region.
- Tropical Storm Elsa is forecast to move across the Mid-Atlantic region Thursday evening into Friday morning.
- Tropical Storm force winds could begin as early as Thursday evening into Thursday night.
- Heavy rainfall can be expected Thursday afternoon into Friday morning.
- Increased swells and rip current risk will be possible as well Thursday through Friday.

Situation Overview

Tropical Storm Elsa



Philadelphia/Mount Holly
WEATHER FORECAST OFFICE

Hazard	Impacts	Location	Timing
Rainfall/ Flash Flooding 	Rainfall amounts of 2-4 inches, with locally higher amounts, are possible which could lead to flash flooding.	Across much of the region with the highest threat being over the I-95 urban corridor along with areas south and east.	Thursday afternoon into Friday morning.
Wind 	Tropical storm force winds could lead to scattered tree and power line damage.	Southern portions of the eastern shore of Maryland, southern Delaware, and southern/coastal New Jersey (Areas covered within the Tropical Storm Watch.)	Thursday night into Friday morning.
Marine 	There is the potential for dangerous conditions due to tropical storm force winds and seas 6-9 feet.	All coastal and nearshore waters, including Delaware Bay.	Thursday night into Friday morning.

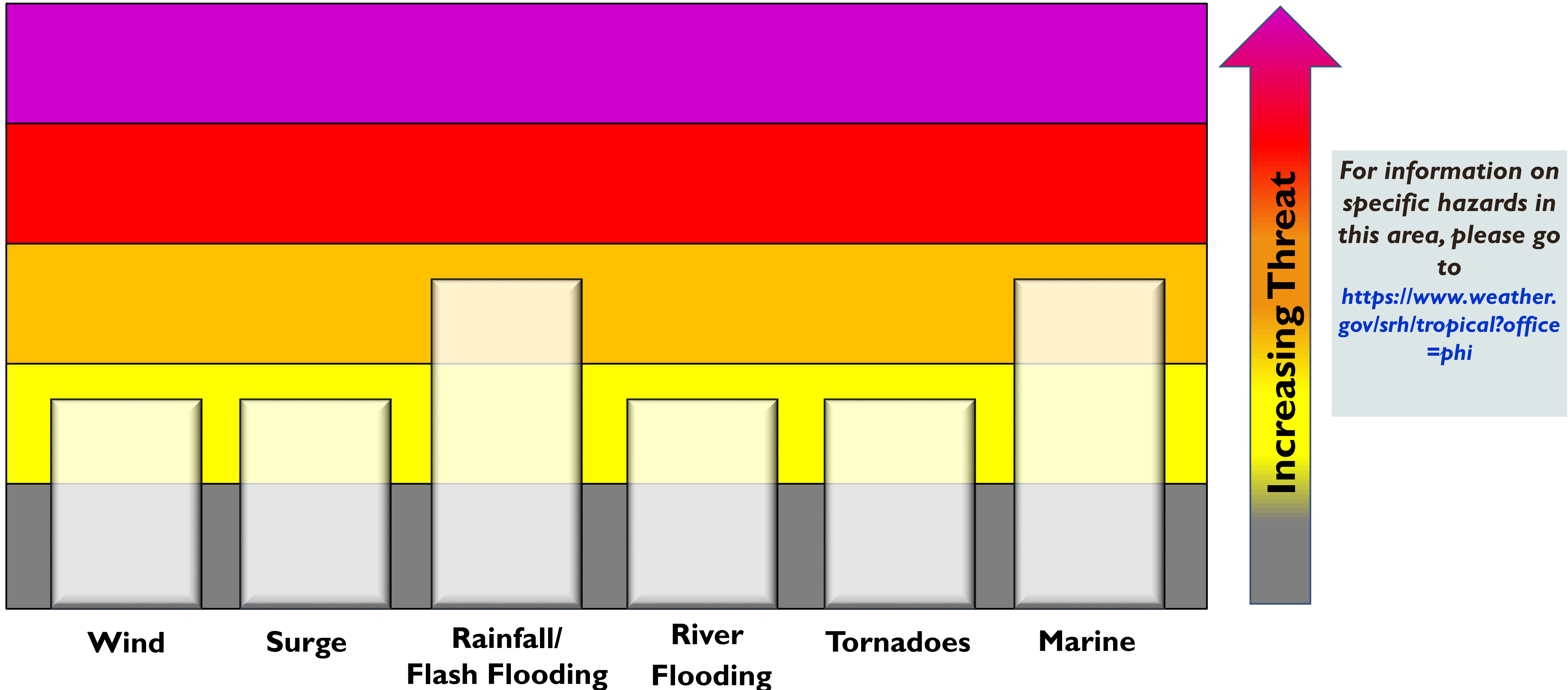
Threat Levels

Tropical Storm Elsa



Philadelphia/Mount Holly

WEATHER FORECAST OFFICE



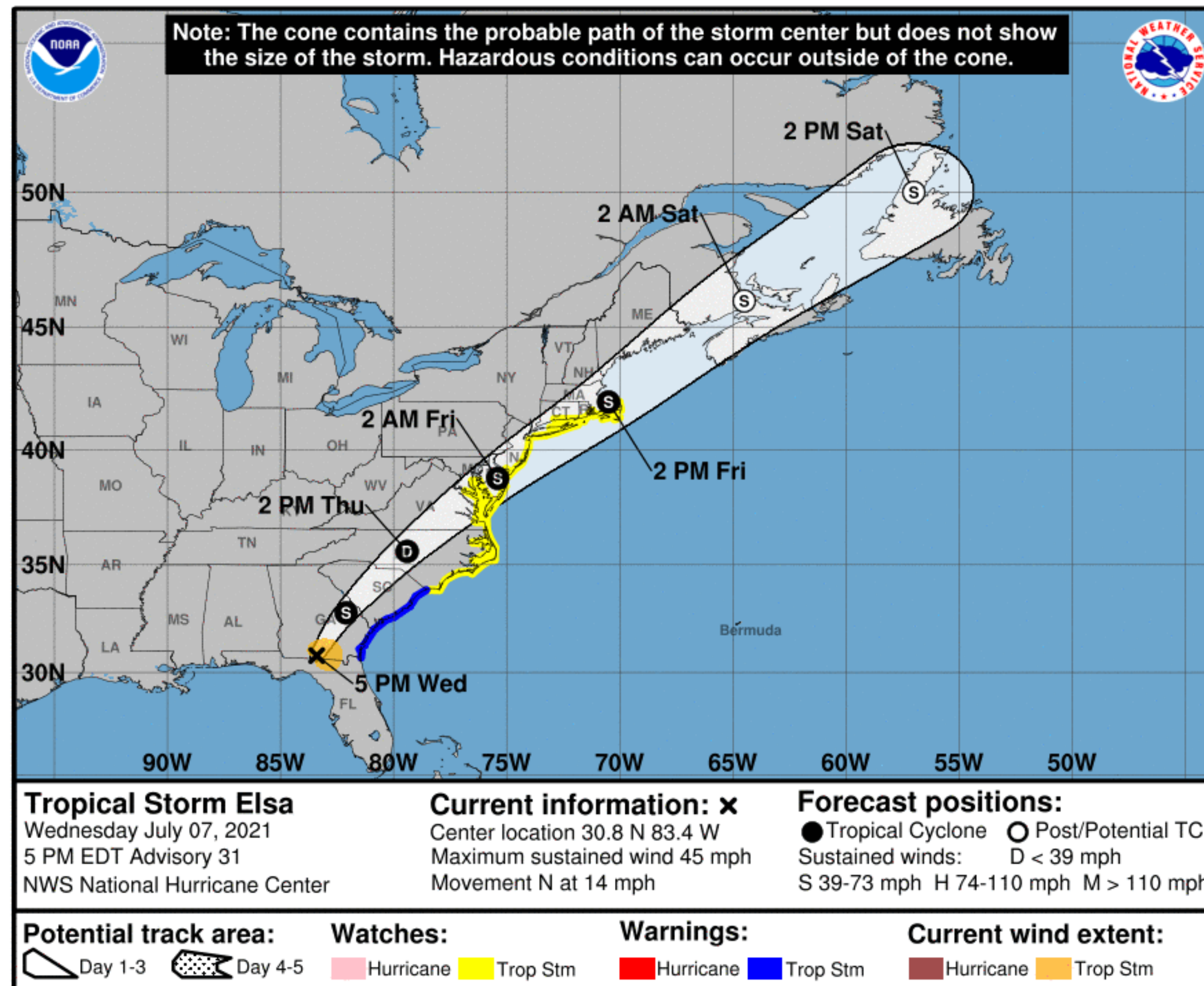
Situation Overview

Tropical Storm Elsa



Philadelphia/Mount Holly

WEATHER FORECAST OFFICE



NOTE: Do not focus on the exact track. Impacts can occur well outside the area enclosed by the cone.

- The primary concern with Elsa remains heavy rainfall potentially leading to areas of flash flooding. Some river flooding is possible, but is not expected along the main stem of the Delaware River.
- A Tropical Storm Watch has been issued for portions of the eastern shore of Maryland, central/southern Delaware, and southern/coastal New Jersey, in addition to the coastal waters including Delaware Bay.
- A Flash Flood Watch has been issued for the entire forecast area for Thursday afternoon through Friday morning.
- The greatest impacts are expected Thursday night into Friday morning.

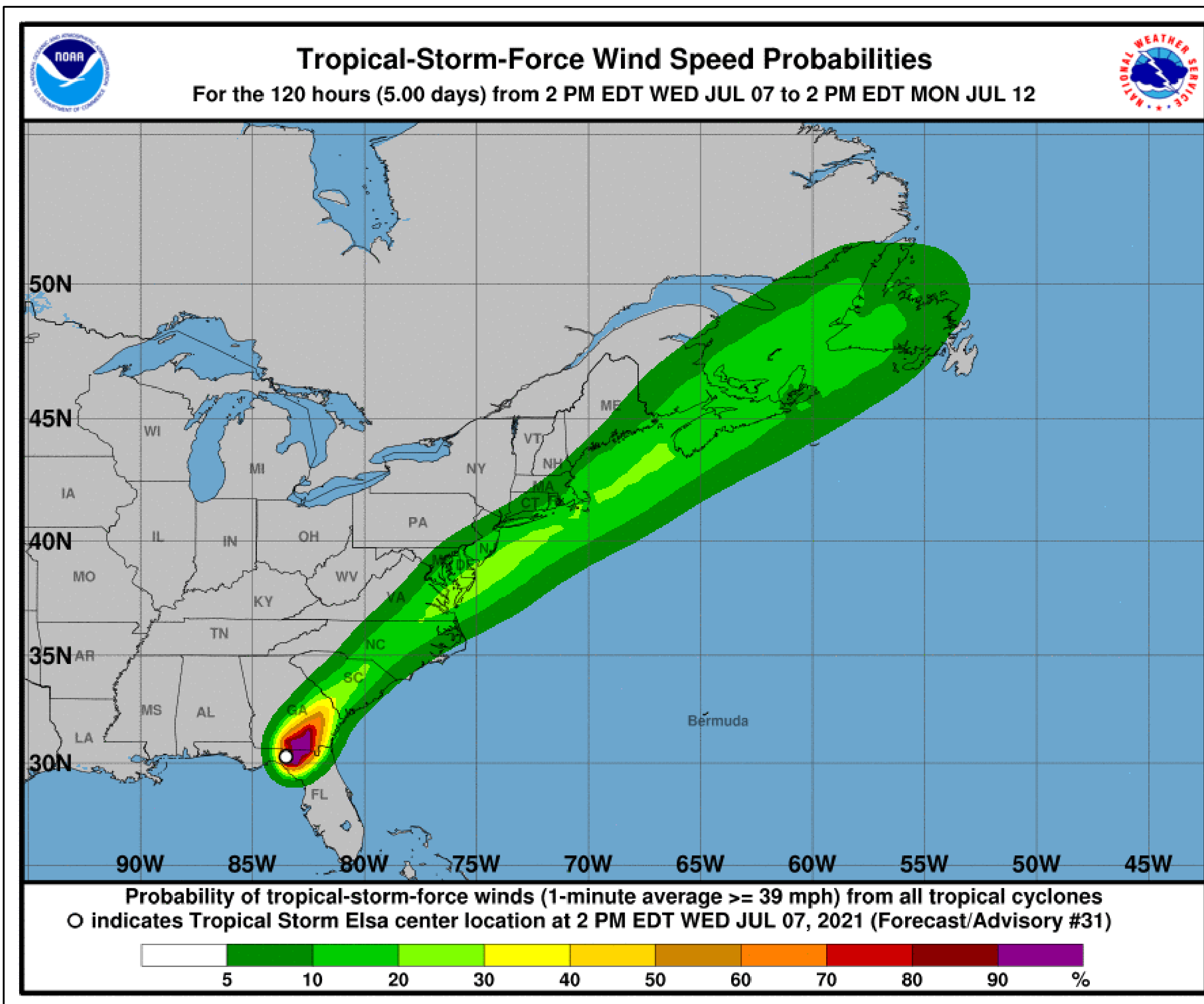
TS Wind Speed Probabilities

Tropical Storm Elsa



Philadelphia/Mount Holly

WEATHER FORECAST OFFICE



- The greatest threat for Tropical Storm force winds will be along the coast and marine areas. However, there is a chance these strong winds could reach farther inland.
- Tropical Storm conditions could begin as early as Thursday evening and continue into Friday morning.

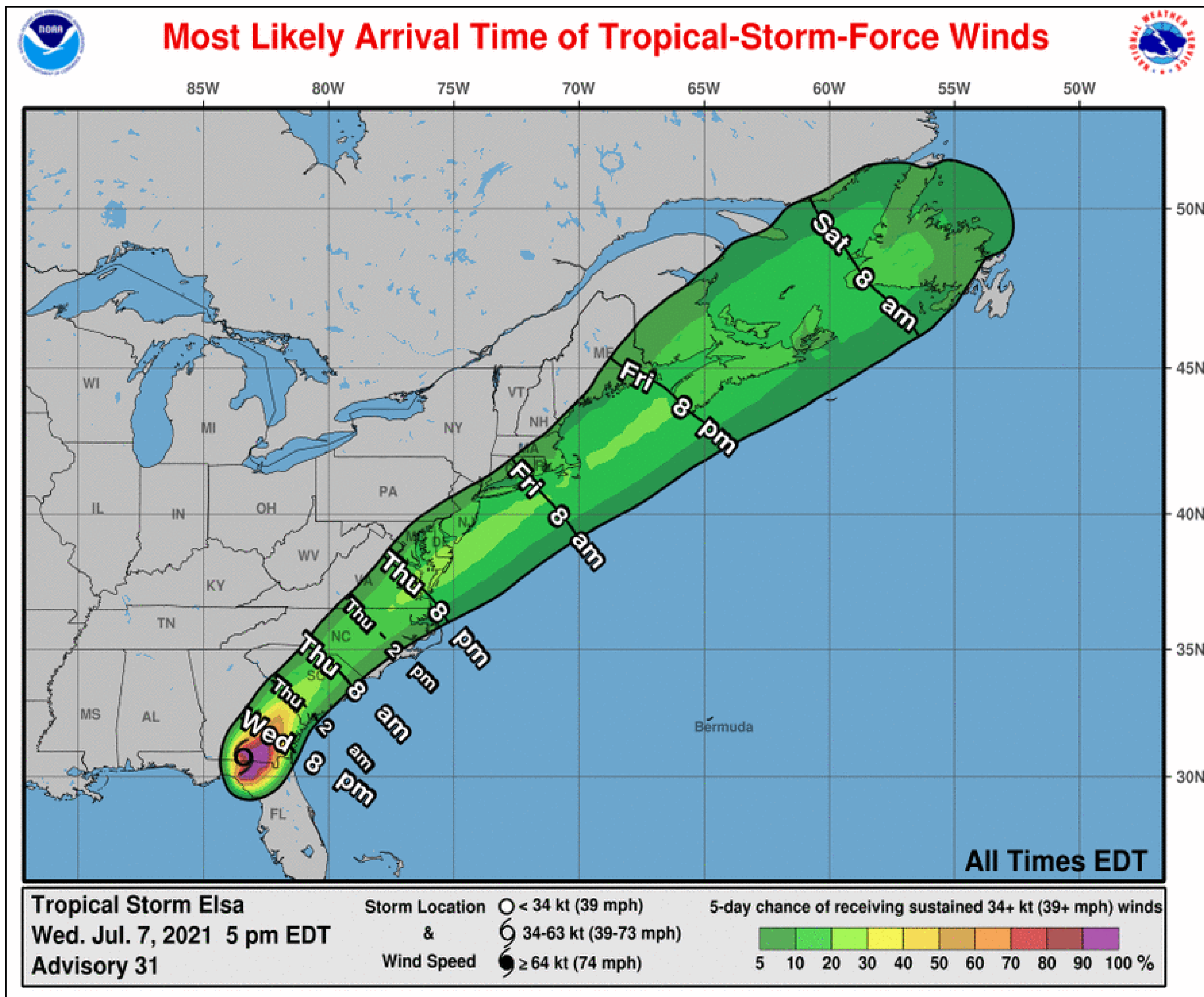
Most Likely Time of Arrival

Tropical Storm Elsa



Philadelphia/Mount Holly

WEATHER FORECAST OFFICE



- The most likely time of arrival of tropical storm force is Thursday night into Friday morning.
- However, this area could see Tropical Storm Force Winds as early as Thursday evening.

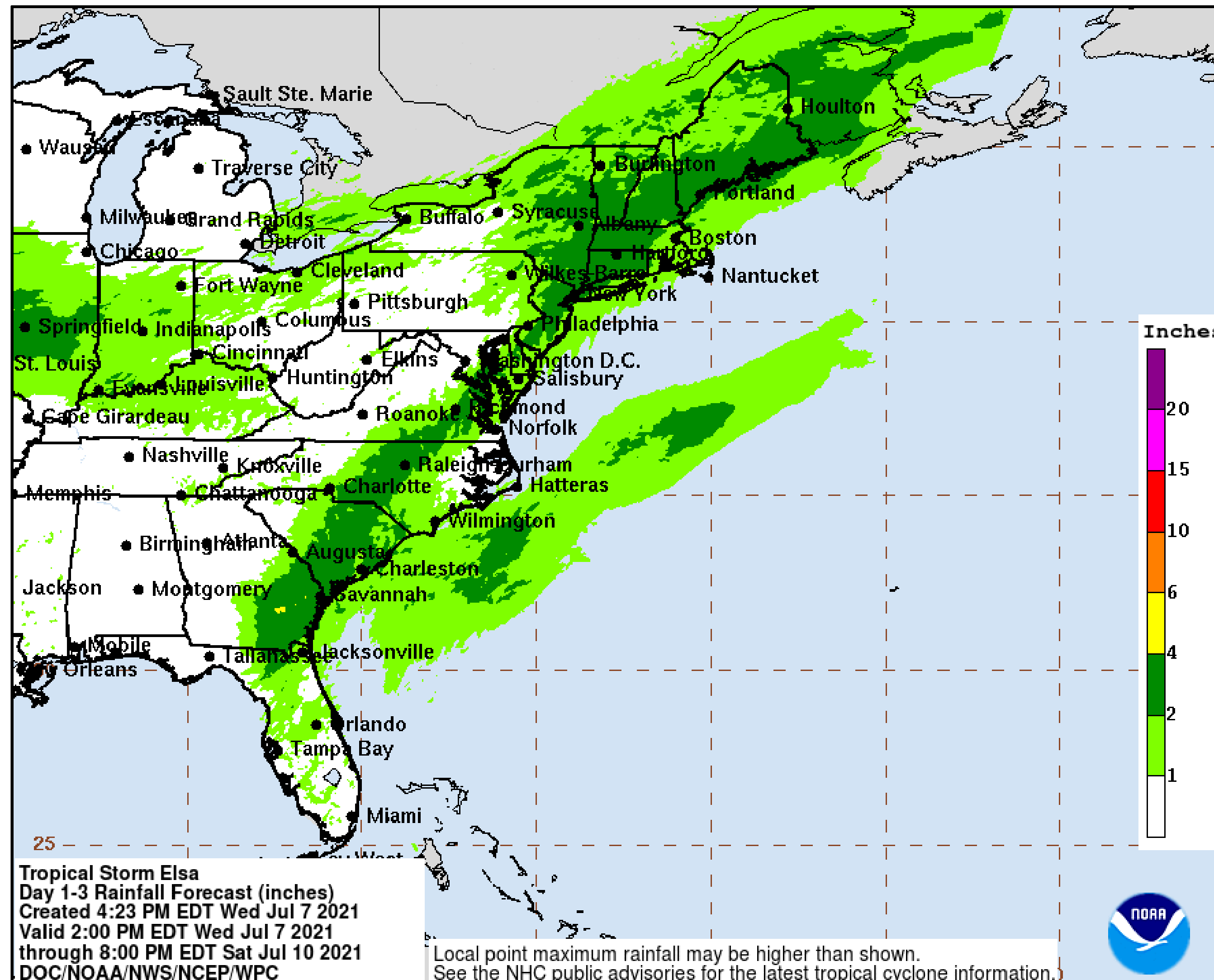
Expected Storm Total Rainfall

Tropical Storm Elsa



Philadelphia/Mount Holly

WEATHER FORECAST OFFICE



- Storm Total rainfall forecast valid through the duration of the storm.
- In our area, the most rain will occur between Thursday afternoon and Friday morning.
- 2 to 4 inches with locally higher amounts are possible.
- Heavy rainfall leading to flash flooding is our primary concern with this storm. Therefore a Flash Flood Watch has been issued for the entire forecast area.

Key Take-Aways

Tropical Storm Elsa

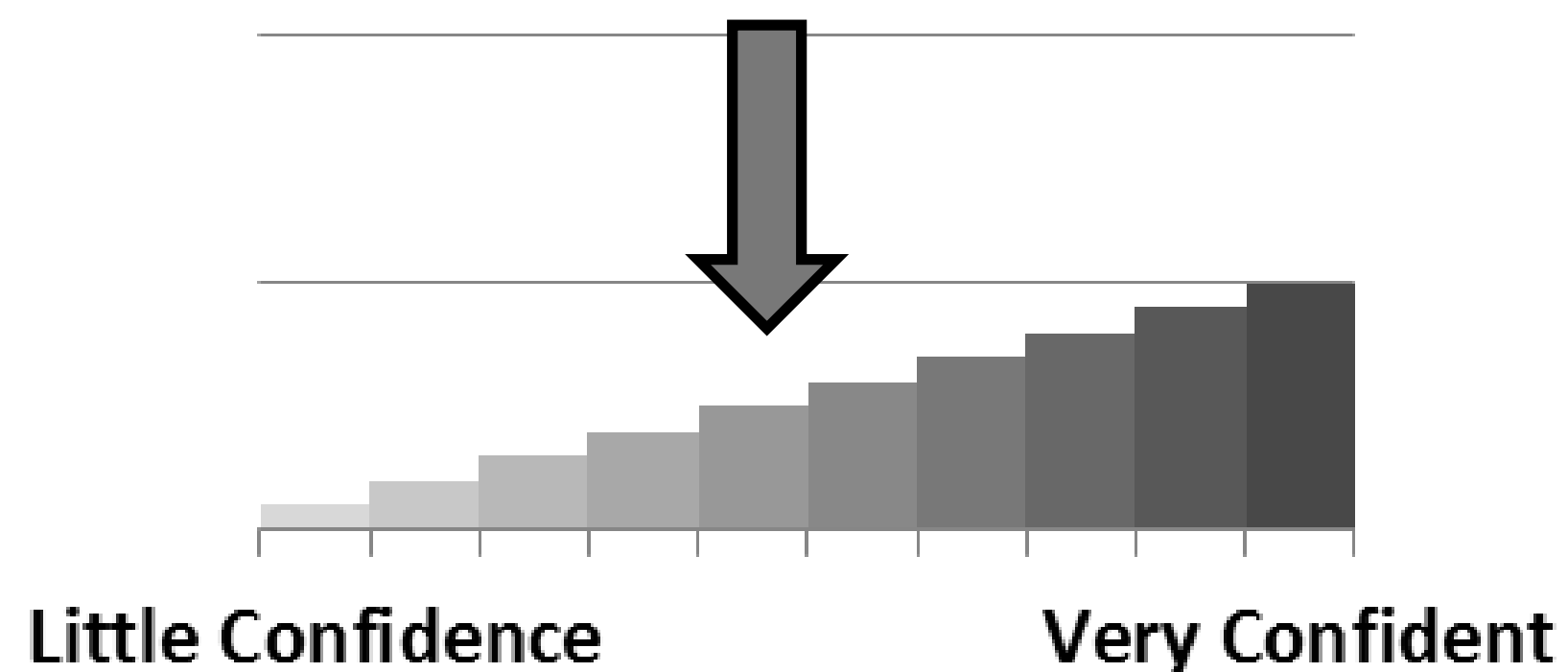


Philadelphia/Mount Holly

WEATHER FORECAST OFFICE

- Heavy rain leading to flash flooding is likely across the region Thursday night through Friday morning. Some river flooding is also possible. A Flash Flood Watch has been issued.
- Tropical storm force winds are possible, primarily for southern portions of the eastern shore of Maryland, southern Delaware, coastal New Jersey, as well as marine areas including lower Delaware Bay. A Tropical Storm Watch remains in effect.
- Increased swells and rip current risk will be possible as well Thursday through Friday.

Forecast Confidence



We have moderate confidence in the track of Elsa, but lower confidence in the intensity and rainfall amounts as the storm impacts our area.



*The Next Briefing:
By Thursday 9:00 AM EDT*



Web: <http://weather.gov/philadelphia>



Phone: (609) 261-6600



Facebook: NWSMountHolly



Twitter: NWS_MountHolly

For the latest graphics and information go to: www.hurricanes.gov or weather.gov/phi/tropical



NWSMountHolly

www.weather.gov/Philadelphia